

FutureTech

by Arya Akhavan (May 2013)

Angles for R.I. = 1.780

103 + 12 girdles = 115 facets

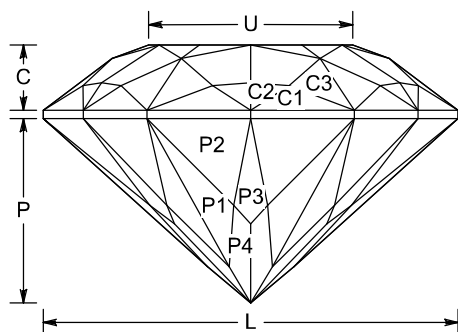
6-fold, mirror-image symmetry

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L/W = 1.073 T/W = 0.547 U/W = 0.528

P/W = 0.476 C/W = 0.169

Vol./W³ = 0.242



PAVILION

P1	43.00°	04-12-20-28-36-44-52-60-68-76-84-92	Cut to centerpoint.
G1	90.00°	02-14-18-30-34-46-50-62-66-78-82-94	Set stone size.
P2	46.00°	02-14-18-30-34-46-50-62-66-78-82-94	Level girdle.
P3	45.00°	96-16-32-48-64-80	Meet G1, P2
P4	42.00°	02-14-18-30-34-46-50-62-66-78-82-94	Meet P1, P2, P3

CROWN

C1	56.23°	02-14-18-30-34-46-50-62-66-78-82-94	Set girdle width.
C2	52.23°	01-15-17-31-33-47-49-63-65-79-81-95	Meet G1, C1
C3	37.26°	06-10-22-26-38-42-54-58-70-74-86-90	Meet G1, C1
C4	30.00°	02-14-18-30-34-46-50-62-66-78-82-94	Meet C1, C2, C3
C5	20.51°	05-11-21-27-37-43-53-59-69-75-85-91	Meet C3, C4
T	0.00°	Table	Meet C4, C5

Have you ever seen that old model of the atom, the three concentric ovals that were used frequently back in the 60s? I decided to take that image and model it into the crown of a stone, and I think this was pretty successful. Works in materials from beryl to CZ (RI = 1.58 - 2.16) with no changes, but I prefer leucogarnet. Suggested size = 8-12 mm

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